

JUN 17 2006

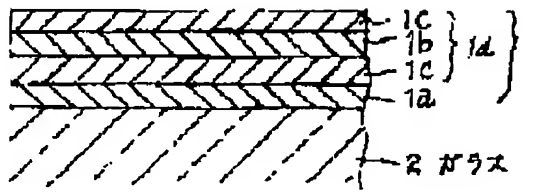
INFRARED REFLECTING FILM, TUBULAR LAMP, AND LUMINAIRE

Patent number: JP10268129
Publication date: 1998-10-09
Inventor: KAWAKATSU AKIRA
Applicant: TOSHIBA LIGHTING & TECHNOLOGY
Classification:
- international: F21V7/22; G02B5/26; H01K1/32; F21V7/00; G02B5/26;
H01K1/28; (IPC1-7): G02B5/26; F21V7/22; H01K1/32
- european:
Application number: JP19970070123 19970324
Priority number(s): JP19970070123 19970324

Revised data from: esp@cenet

Abstract of JP10268129

PROBLEM TO BE SOLVED: To provide an infrared reflecting film capable of suppressing the changes of optical characteristics in response to incident angles by providing a light diffusing metal oxide film and a metal film body constituted of a specific metal thin film and specific metal oxide films. **SOLUTION:** This infrared reflecting film 1 is formed on a glass 2. The infrared reflecting film 1 is provided with a light diffusing metal oxide film 1a and a metal film body 1d obtained when both faces of a metal thin film 1b are sandwiched with metal oxide films 1c. The metal thin film 1b is mainly made of at least one kind of aluminum, silver, rhodium, nickel, and gold. The metal oxide films 1c are mainly made of at least one kind of titanium, aluminum, tantalum, zinc, cerium, zirconium, and niobium. The light diffusing metal oxide film 1a is made of at least one kind of a titanium oxide, an aluminum oxide, a silicon oxide, and a zircon oxide.



Data supplied from the esp@cenet database - Worldwide